

STEREO MOC Status Report
Time Period: 2009:257 - 2009:263

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 263, during the DSS 15 support, while the MOC was on emergency power due to a planned APL campus commercial power outage, the emergency generator failed at 1202z. The automatically MOC switched to UPS power and five non-essential workstations were powered down manually. Commercial power was restored to the MOC at 1242z. The real-time track with AHEAD was not effected and all SSR data was recovered.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 5.9 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 259, during the DSS 55 support, command bind was lost at 1833z. This resulted in the loss of 19 minutes of ranging data. All SSR data was recovered. See DR# N105612 for more information.
- On day 263, during the DSS 45 support, at 0440z AOS was delayed 10 minutes due to a receiver equipment problem. A spare receiver was configured and telemetry lock was achieved at 0450z. This resulted in the loss of 10 minutes of real-time data and ranging data was not calibrated. All SSR data was recovered. See DR# C107095 for more information.
- Due to contentions for DSN tracks this week, there were five short duration BEHIND tracks. This resulted in SSR partitions filling and the loss of several hours of science data for each instrument.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 259, the 18th momentum dump was successfully executed at 1700Z, which imparted a delta V of 0.0602 m/sec.
- The average daily SSR playback volume for Behind was 4.1 Gbits during this week.